

L Number	Hits	Search Text	DB	Time stamp
1	8729	(VCSEAL or led or photodiode or (light near (emitter or emitting or receiving or receiver))) and ((substrate or board) with (frame or ring))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/14 21:21
2	6792	((VCSEAL or led or photodiode or (light near (emitter or emitting or receiving or receiver))) and ((substrate or board) with (frame or ring))) and (@ad<20010224)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/14 21:18
3	9199	(VCSEAL or led or photodiode or (light near (emitter or emitting or receiving or receiver))) and ((substrate or board) with (frame or ring))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/14 20:08
4	7155	((VCSEAL or led or photodiode or (light near (emitter or emitting or receiving or receiver))) and ((substrate or board) with (frame or ring))) and (@ad<20010224)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/14 21:51
5	1378	((VCSEAL or led or photodiode or (light near (emitter or emitting or receiving or receiver))) and ((substrate or board) with (frame or ring))) and (@ad<20010224) and ((substrate or board) with (glass or sapphire or transparent))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/14 21:18
6	1377	((VCSEAL or led or photodiode or (light near (emitter or emitting or receiving or receiver))) and ((substrate or board) with (frame or ring))) and (@ad<20010224) and ((substrate or board) with (glass or sapphire or transparent))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/14 20:08
7	1869	((VCSEAL or led or photodiode or (light near (emitter or emitting or receiving or receiver))) and ((substrate or board) with (frame or ring))) and (@ad<20010224) and ((substrate or board) with (glass or sapphire or transparent))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/14 20:08
8	35	((VCSEAL or led or photodiode or (light near (emitter or emitting or receiving or receiver))) and ((substrate or board) with (frame or ring))) and (@ad<20010224) and ((substrate or board) with (glass or sapphire or transparent)) and (solder and (light near guide))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/14 20:09
9	254	((VCSEAL or led or photodiode or (light near (emitter or emitting or receiving or receiver))) and ((substrate or board) with (frame or ring))) and (@ad<20010224) and ((substrate or board) with ((glass or sapphire or transparent) and pad))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/14 20:32
10	333	((VCSEAL or led or photodiode or (light near (emitter or emitting or receiving or receiver))) and ((substrate or board) with (frame or ring))) and (@ad<20010224) and ((substrate or board) with ((glass or sapphire or transparent) and (pad or pads)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/14 20:36
11	216	((VCSEAL or led or photodiode or (light near (emitter or emitting or receiving or receiver))) and ((substrate or board) with (frame or ring))) and (@ad<20010224) and ((substrate or board) with ((glass or sapphire or transparent) and (pad or pads)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/14 20:34

12	256	((VCSEAL or led or photodiode or (light near (emitter or emitting or receiving or receiver))) and ((substrate or board) with (frame or ring))) and (@ad<20010224)) and ((substrate or board) with ((glass or sapphire or transparent) and (pad or pads)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/14 20:35
13	333	((VCSEAL or led or photodiode or (light near (emitter or emitting or receiving or receiver))) and ((substrate or board) with (frame or ring))) and (@ad<20010224)) and ((substrate or board) with (glass or sapphire or transparent))) and ((substrate or board) with ((glass or sapphire or transparent) and (pad or pads)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/14 20:36
14	84	((VCSEAL or led or photodiode or (light near (emitter or emitting or receiving or receiver))) and ((substrate or board) with (frame or ring))) and (@ad<20010224)) and ((substrate or board) with (glass or sapphire or transparent))) and ((substrate or board) with ((glass or sapphire or transparent) and (pad or pads))) and ((frame or ring) with (pad or pads)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/14 20:47
15	247	257/666.ccls. and (((frame or ring) and (substrate or board)) with (pad or pads))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/14 21:13
16	15	((VCSEAL or led or photodiode or (light near (emitter or emitting or receiving or receiver))) and ((substrate or board) with (frame or ring))) and (257/666.ccls. and (((frame or ring) and (substrate or board)) with (pad or pads)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/14 20:49
17	9199	(VCSEAL or led or photodiode or (light near (emitter or emitting or receiving or receiver))) and ((substrate or board) with (frame or ring))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/14 21:51
18	15	((VCSEAL or led or photodiode or (light near (emitter or emitting or receiving or receiver))) and ((substrate or board) with (frame or ring))) and (((frame or ring) and light) near guide)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/14 20:55
19	556	((VCSEAL or led or photodiode or (light near (emitter or emitting or receiving or receiver))) and ((substrate or board) with (frame or ring))) and ((substrate or board) with ((guide or alignment or align) with (frame or ring)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/14 21:13
20	51	((VCSEAL or led or photodiode or (light near (emitter or emitting or receiving or receiver))) and ((substrate or board) with (frame or ring))) and ((substrate or board) with ((guide or alignment or align) near (frame or ring)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/14 21:13
21	4	((VCSEAL or led or photodiode or (light near (emitter or emitting or receiving or receiver))) and ((substrate or board) with (frame or ring))) and ((substrate or board) with ((guide or alignment or align) near (frame or ring))) and ((frame or ring) with (pad or pads))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/14 21:50
22	6007	((frame or ring) and (substrate or board)) with (pad or pads)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/14 21:17

23	1041	((frame or ring) and (substrate or board)) with (pad or pads)) and ((substrate or board) with (glass or sapphire or transparent))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/14 21:18
24	777	((frame or ring) and (substrate or board)) with (pad or pads)) and ((substrate or board) with (glass or sapphire or transparent))) and (@ad<20010224)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/14 21:18
25	152	((frame or ring) and (substrate or board)) with (pad or pads)) and ((substrate or board) with (glass or sapphire or transparent))) and (@ad<20010224)) and ((optical adj device) or VCSEAL or led or photodiode or (light near (emitter or emitting or receiving or receiver)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/14 21:45
26	10	((frame or ring) and (substrate or board)) with (pad or pads)) and ((substrate or board) with (glass or sapphire or transparent))) and (@ad<20010224)) and ((optical adj device) or VCSEAL or led or photodiode or (light near (emitter or emitting or receiving or receiver))) ) and ((light or optical) adj guide)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/14 21:49
27	2817	(frame or ring) same ((light or optical) adj guide)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/14 21:49
28	1892	(frame or ring) with ((light or optical) adj guide)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/14 21:49
29	370	((frame or ring) with ((light or optical) adj guide)) and ((frame or ring) with (pad or pads or contact or contact))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/14 21:50
30	263	((frame or ring) with ((light or optical) adj guide)) and ((frame or ring) with (pad or pads or contact or contact))) and (VCSEAL or led or photodiode or diode or diodes or (light near (emitter or emitting or receiving or receiver)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/14 21:51
31	221	((frame or ring) with ((light or optical) adj guide)) and ((frame or ring) with (pad or pads or contact or contact))) and (VCSEAL or led or photodiode or diode or diodes or (light near (emitter or emitting or receiving or receiver))) and (@ad<20010224)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/14 21:52
32	23	((frame or ring) with ((light or optical) adj guide)) and ((frame or ring) with (pad or pads or contact or contact))) and (VCSEAL or led or photodiode or diode or diodes or (light near (emitter or emitting or receiving or receiver))) and (@ad<20010224)) and (align or alignment)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/14 21:52